Start

Data elements from a first data structure are acquired by a pre-processor. The pre-processor collates the data elements into a source file having a source format.

11

The data elements in the source file having a source data format are mapped by a processor into an output file having a second data format different from the source data format of the source file in response to selected predetermined control data file of a plurality of control data files which determine a corresponding plurality of different second data formats

12

FIG. 1

13 — Is Cross-Mapping Required?

NO

17 — Store output file for use by application in an output processor

Yes 14

Read each record in mapped file and change necessary data elements from value in first data format to value in second data format
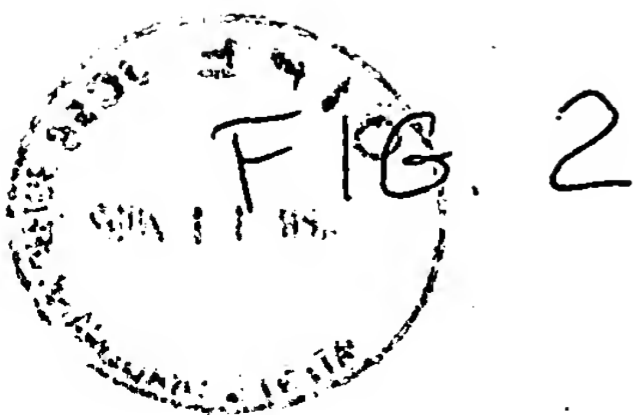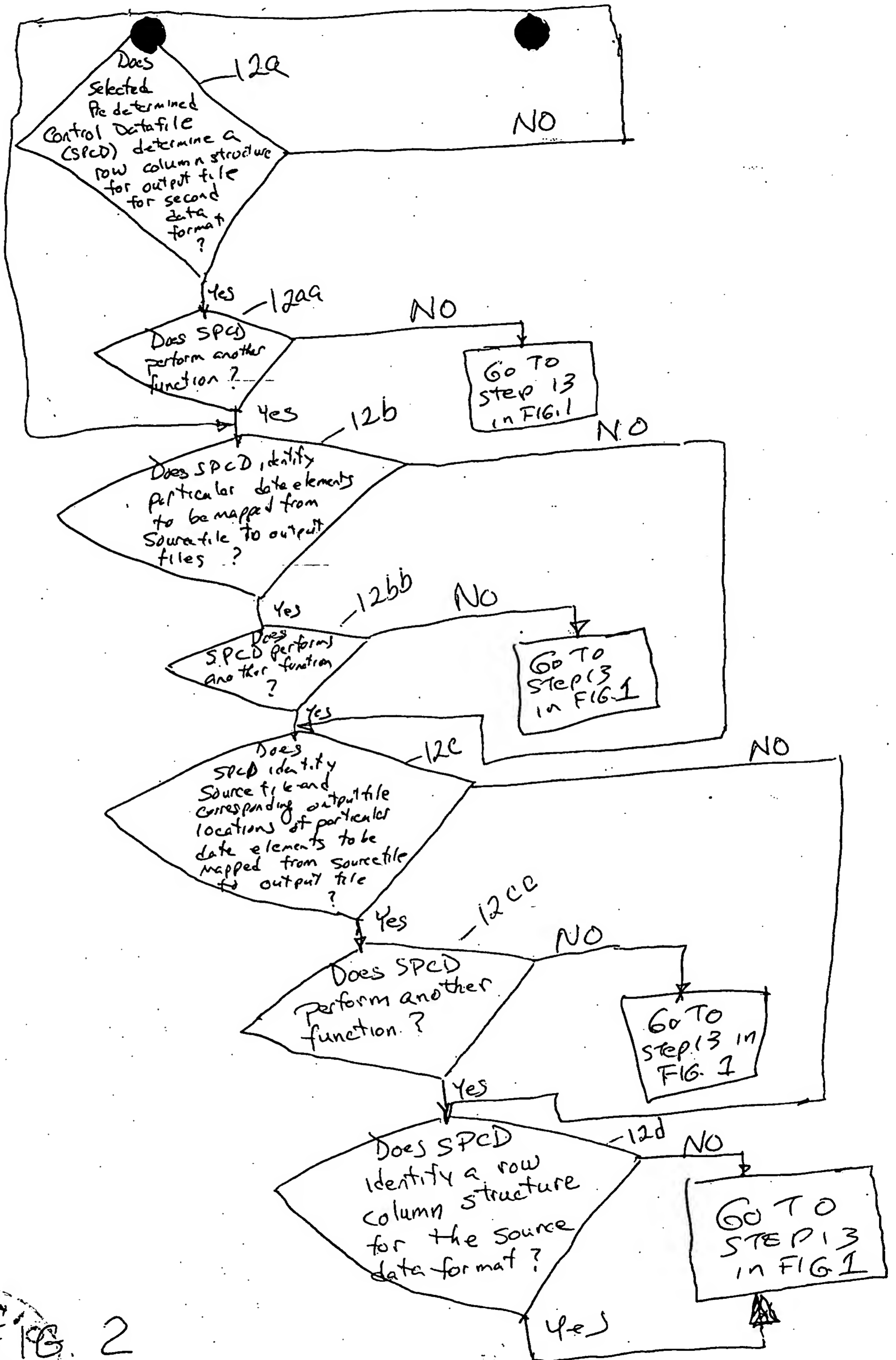
16 — Do NOT Update data mapper file but report error situations

Yes

15 — Errors Identified?

NO

end

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Does Selected Predetermined Control Datafile (SPCD) determine a row column structure for output file for second data format?   12a

NO

Yes   12aa

Does SPCD perform another function?

NO → GO TO step 13 in FIG.1

Yes   12b

Does SPCD identify particular data elements to be mapped from source file to output files?

NO

Yes   12bb

SPCD Perform another function?

NO → GO TO step 13 in FIG.1

Yes   12c

Does SPCD identity source file and corresponding output file locations of particular date elements to be mapped from source file to output file?

NO

Yes   12cc

Does SPCD perform another function?

NO → GO TO step 13 in FIG. 1

Yes

Does SPCD identify a row column structure for the source data format?   12d

NO → GO TO STEP 13 in FIG 1

Yes

FIG. 2